

HIV Surveillance Report — Alaska, 1982–2018

From January 1, 1982 through December 31, 2018, 1,890 cases of human immunodeficiency virus (HIV) infection were reported to the Alaska Section of Epidemiology (SOE), including cases with an initial diagnosis in Alaska and those previously diagnosed out-of-state who are living in Alaska (Table). During 2018, 58 cases of HIV infection were reported to SOE; 22 (38%) of which were initially diagnosed in Alaska, yielding a 2018 statewide incidence rate of 3 cases per 100,000 persons. This HIV Surveillance Report contains summary data and highlights for cumulative cases reported from 1982 through 2018 (n=1,890), incident cases diagnosed in Alaska in 2018 (n=22), and persons living with HIV in Alaska as of December 31, 2018 (n=699). Additional information about HIV cases in Alaska can be found in the Epidemiologic Profile 1982–2015 (available at:

<http://dhss.alaska.gov/dph/Epi/hivstd/Documents/HIVProfile1982-2015.pdf>).

Table. Summary of Reported Cases of HIV by Select Characteristics — Alaska, 1982–2018

	1982–2018				2018			
	All Reported Cases n=1,890		Reported Cases First Diagnosed in Alaska n=1,239		All Reported Cases n=58		Reported Cases First Diagnosed in Alaska n=22	
	Male	Female	Male	Female	Male	Female	Male	Female
HIV (non-AIDS)	513	149	313	107	37	1	16	0
HIV with AIDS	1,010	218	661	158	16	4	3	3
TOTAL #	1,523	367	974	265	53	5	19	3
Age at Diagnosis in Years, #								
<14	12	12	8	5	0	1	0	0
15–24	243	69	126	43	17	0	5	2
25–34	595	128	357	94	22	2	7	0
35–44	438	90	291	65	8	1	3	0
45–54	172	49	136	41	5	0	3	0
55–64	49	16	43	14	1	1	1	1
≥65	14	3	13	3	0	0	0	0
Race/Ethnicity, #								
American Indian/ Alaska Native (AI/AN)	256	121	218	116	10	1	7	1
Asian	28	19	13	12	3	1	0	0
Black	199	60	106	31	8	0	1	0
Hispanic	149	31	80	19	5	2	0	1
Native Hawaiian/ Pacific Islander (NH/PI)	10	2	9	1	2	0	2	0
White	844	127	533	83	19	1	6	1
Multi-race (Multi)	37	7	15	3	6	0	3	0
Transmission Category, #								
Male-to-Male Sex Injection Drug Use (IDU)	978	0	619	0	39	0	12	0
Male-to-Male Sex and IDU	137	72	90	47	1	2	0	2
Heterosexual Contact	154	0	76	0	6	0	5	0
Perinatal	99	255	74	190	3	2	1	1
Other/Not Specified	7	12	4	5	0	1	0	0
	148	28	111	23	4	0	1	0
Residence at Time of Diagnosis, #								
Anchorage/Mat-Su Gulf Coast	700	167	700	167	14	2	14	2
Interior	56	13	56	13	0	0	0	0
Northern	94	34	94	34	3	0	2	0
Southeast	16	9	16	9	0	1	0	1
Southwest	61	24	61	24	1	0	1	0
Out of State/Country	47	18	47	18	2	0	2	0
	549	102	0	0	33	2	0	0



Cumulative Reported Cases of HIV, 1982–2018

Highlights Cumulative HIV Cases 1982–2018, n=1,890

- 1,228 (65%) ever had a diagnosis of AIDS
- 658 (35%) are known to have died
- 1,523 (81%) were male
- 1,132 (60%) were men who have sex with men (MSM) including 154 MSM/IDU; 354 (19%) were heterosexual (Hetero) and 209 (11%) were IDU
- 971 (51%) were White; 377 (20%) were Alaska Native/American Indian; 259 (14%) were Black
- 1,239 (66%) had an initial diagnosis in Alaska; 867 (70%) of those were living in Anchorage/Mat-Su at the time of diagnosis

Figure 1. Cumulative Reported Cases of HIV and Known Deaths by 5 Year increments, Alaska — 1982–2018

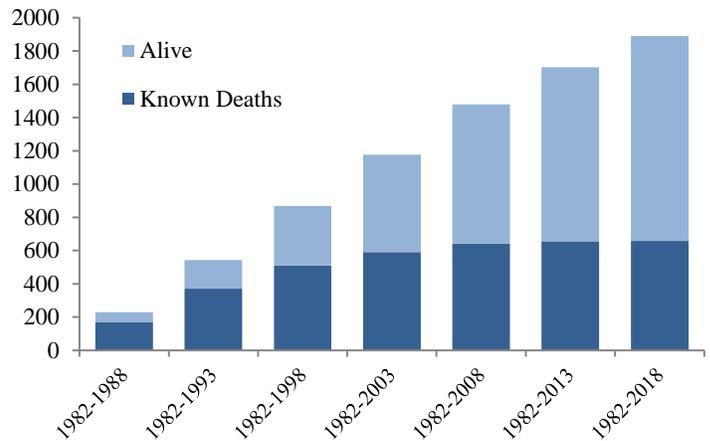


Figure 2. Cumulative Reported Cases of HIV by Age at Diagnosis and Gender at Birth, Alaska — 1982–2018

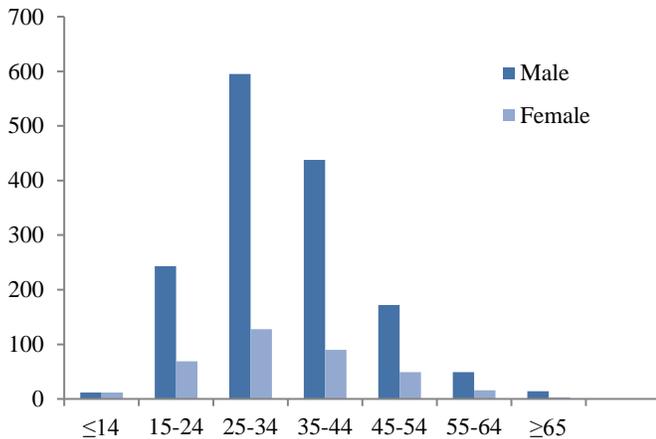


Figure 3. Cumulative Reported Cases of HIV by Race/Ethnicity and Gender at Birth, Alaska — 1982–2018

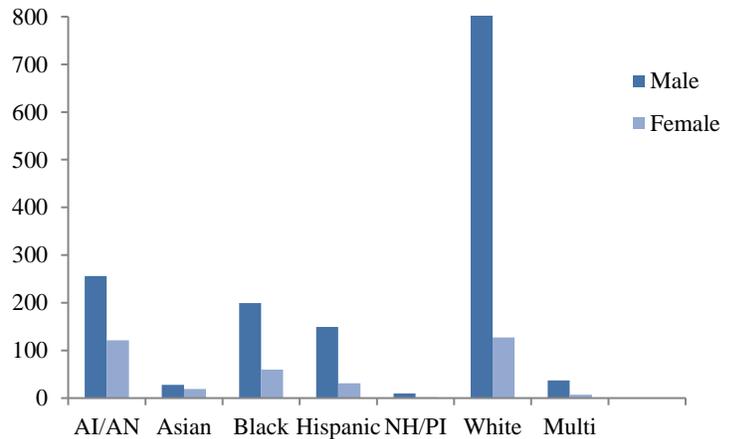


Figure 4. Cumulative Reported Cases of HIV by Transmission Category, Alaska — 1982–2018

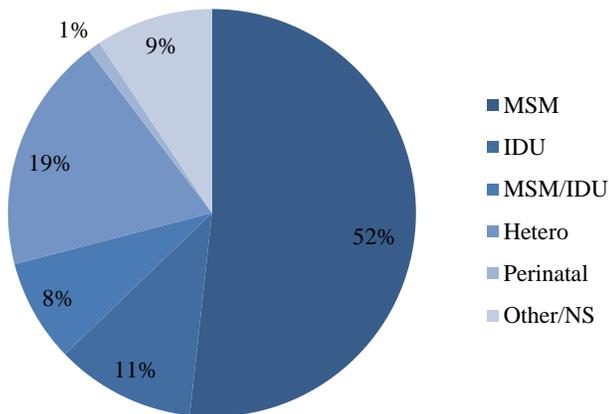
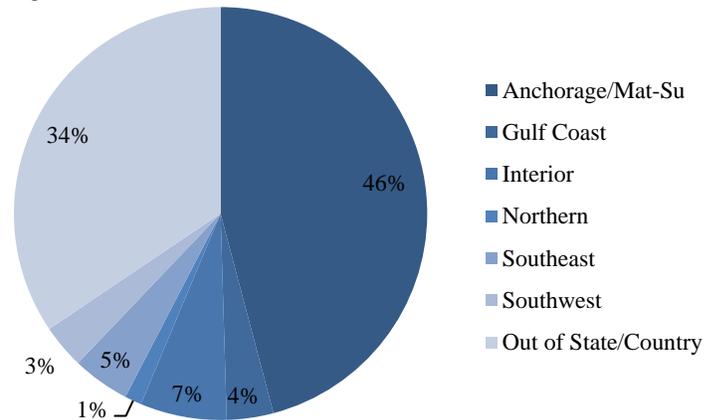


Figure 5. Cumulative Reported Cases of HIV by Residence at Diagnosis, Alaska — 1982–2018



Reported Cases of HIV Newly Diagnosed in Alaska, 2018

Highlights
Newly Diagnosed HIV Cases
2018, n=22

- 3 (14%) were also diagnosed with AIDS at the time of initial diagnosis
- None are known to have died
- 19 (86%) were male, one of whom is transgender male to female
- 12 (50%) were men who have sex with men (MSM); 5 (23%) were MSM/IDU; 2 (9%) were IDU; 2 (9%) were heterosexual
- 8 (36%) were Alaska Native/American Indian; 7 (32%) were White; 3 (14%) were multi-race;
- 14 (64%) were 34 years old or younger at diagnosis
- 16 (73%) were living in Anchorage/Mat-Su at the time of diagnosis

Figure 6. Reported Cases of HIV Newly Diagnosed in Alaska by Year — 2009–2018

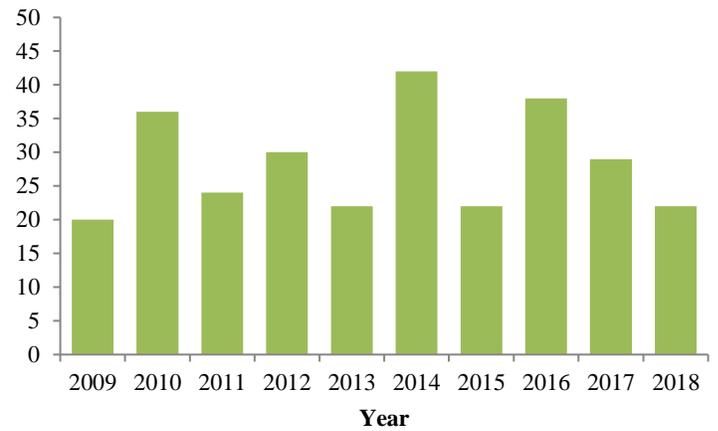


Figure 7. Reported Cases of HIV Newly Diagnosed in Alaska by Age at Diagnosis and Gender at Birth, 2018

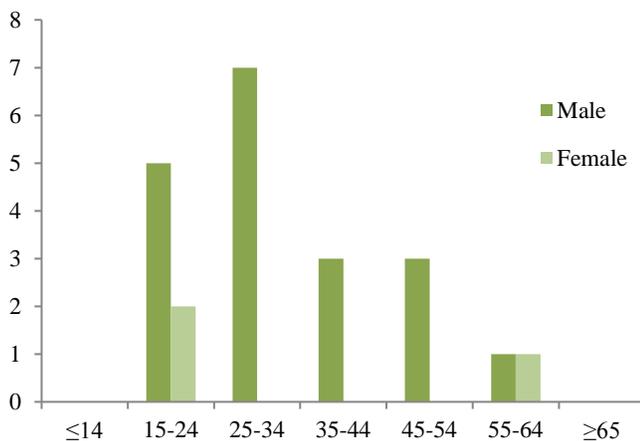


Figure 8. Reported Cases of HIV Newly Diagnosed in Alaska by Race/Ethnicity and Gender at Birth, 2018

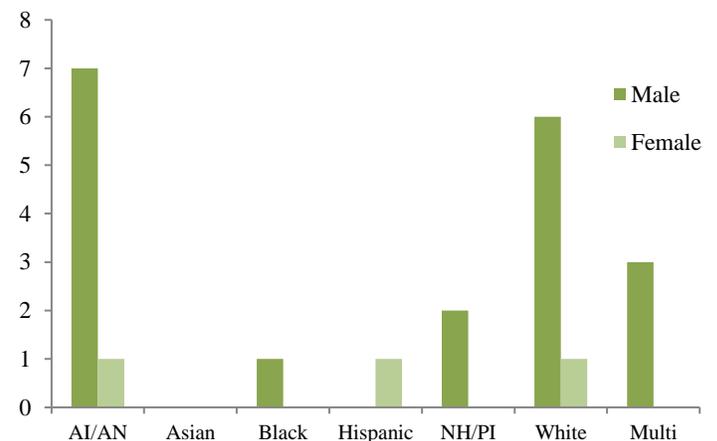


Figure 9. Reported Cases of HIV Newly Diagnosed in Alaska by Transmission Category, 2018

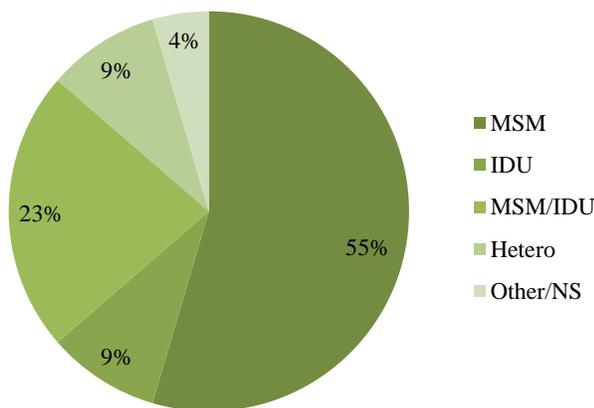
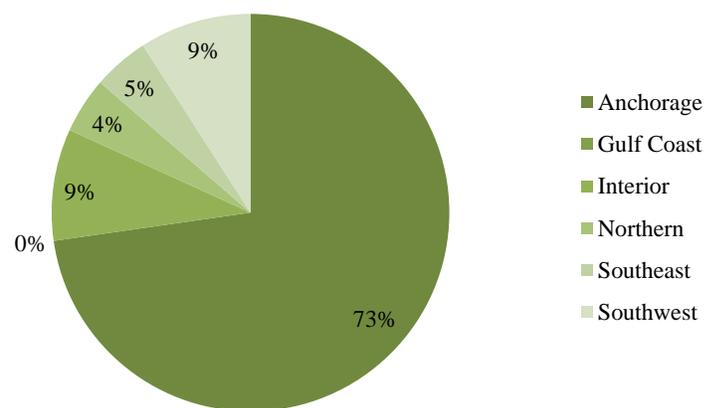


Figure 10. Reported Cases of HIV Newly Diagnosed in Alaska by Residence at Diagnosis, 2018



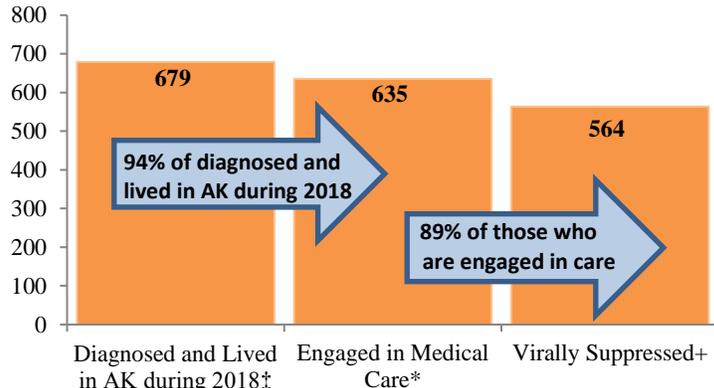
Persons Living with HIV/AIDS in Alaska as of December 31, 2018

Highlights

**Persons Living with HIV in Alaska
As of December 31, 2018, n=699**

- 374 (54%) ever had a diagnosis of AIDS
- 524 (75%) were male
- 386 (55%) were men who have sex with men (MSM) including 49 MSM/IDU; 187 (26%) were heterosexual
- 271 (39%) were White; 199 (29%) were Alaska Native/American Indian; 98 (14%) were Black
- 465 (66%) had an initial diagnosis in Alaska; 311 (67%) of those were living in Anchorage/Mat-Su at the time of diagnosis
- 91% of those thought to be living with HIV in Alaska during 2018 were engaged in medical care, and of those 89% were virally suppressed

Figure 11. HIV Care Continuum (n= 679) — Alaska, 2018



[‡]Includes all cases who lived in Alaska (AK) during 2018; cases with unknown residence and no activity in the surveillance system for 10 or more years were excluded (n=20)
^{*}Received at least one CD4 or Viral Load between Jan. 1 and Dec. 31, 2018
⁺Viral Load ≤200 copies/mL

Figure 12. Persons Living with HIV/AIDS in Alaska by Age at Diagnosis and Gender at Birth As of December 31, 2018

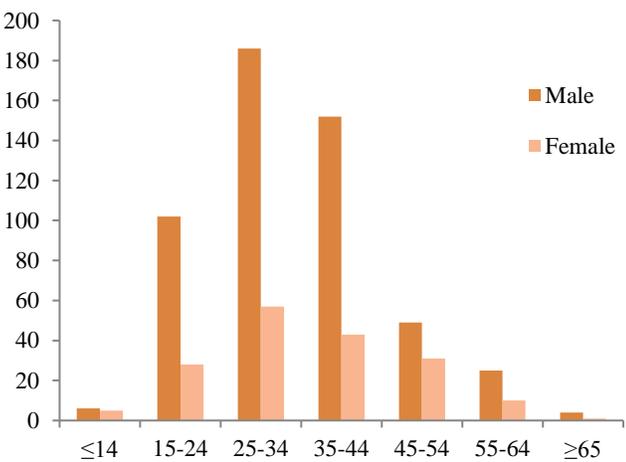


Figure 14. Persons Living with HIV/AIDS in Alaska by Transmission Category As of December 31, 2018

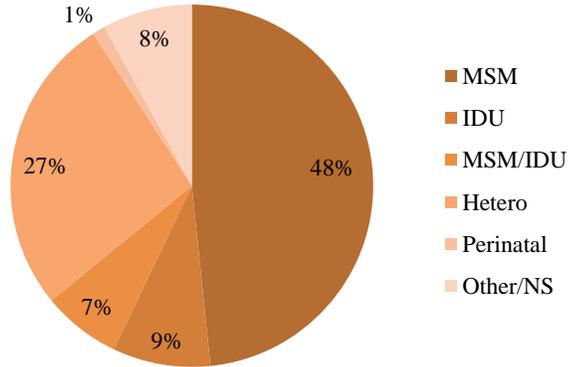


Figure 13. Persons Living with HIV/AIDS in Alaska by Race/Ethnicity and Gender at Birth As of December 31, 2018

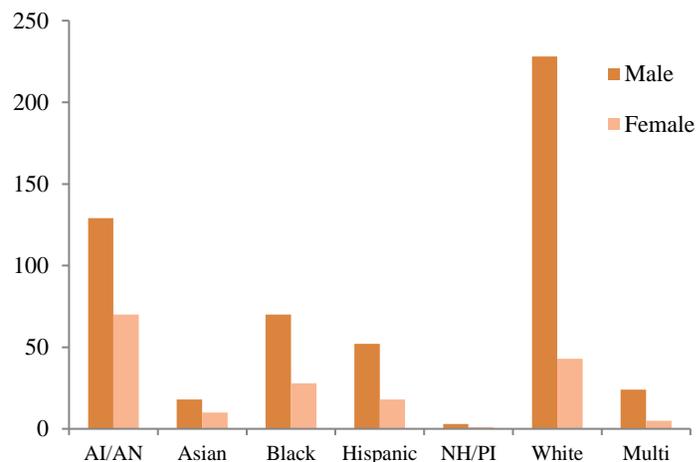


Figure 15. Persons Living with HIV/AIDS in Alaska by Residence at Time of Diagnosis As of December 31, 2018

